

FIG. 1

1 ACAGAACTGAGGAAAGTCAGAAGCAAAACAGCTAGACACAAGAAAAGCAGAAGTGGGCTGTCTCAGAGACTGGCCGTCCCCTAGCGGGA  
91 CTGAACCGTGAGCGTCCAGCCGTGGCCTGCCTGCCGGTGACCCGTGTGTGGGAGAAATGACCCAAGTGGCCTCAGCTGTGTGGCTGCC  
1 m t q l a s a v w l p  
181 ACGCTGTTGCTGCTGCTGCTGCTTTTTTGGCTTCCAGGCTGTGTCCCTCTGCATGGTCCCAGCACCATGACAGGAAGTGTGGGTCAATCC  
12 t l l l l l f w l p g c v p L H G P S T M T G S V G Q S  
271 CTGAGTGTGTCGTGTGCTATGAGGAGAAATTTAAGACTAAGGACAAATACTGGTGCAGAGGGTCACCTAAGGTACTGTGCAAAGATATT  
42 L S V S Q Y E E K F K T K D K Y W C R G S L K V L C K D I  
361 GTCAAGACCAGCAGCTCAGAAGAAGCTAGGAGTGGCAGAGTGACCATCAGGGACCATCCAGACAACCTCACCTTCACAGTGACCTATGAG  
72 V K T S S S E E A R S G R V T I R D H P D N L T F T V T Y E  
451 AGCCTCACCTGGATGATGCAGACACCTACATGTGTGCGGTGGATATACCATTTTTCAATGCCCCCTTGGGGCTCGATAAGTACTTCAAG  
102 S L T L D D A D T Y M A V D I P F F N A P L G L D K Y F K  
541 ATTGAATTGTCTGTGGTTCCAAGTGAGGACCCAGTTTCATCTCCAGGACCAACACTAGAGACACCTGTGGTGTCCACCAGTCTGCCTACC  
132 I E L S V V P S E D P V S S P G P T L E T P V V S T S L P T  
631 AAGGGTCCCGCCTAGGATCCAACACAGAGGACCGCGGTGAGCATGACTATTCCAGGGCTTGAGGCTCCCAGCGCTGTTGTCTGTGTTA  
162 K G P A L G S N T E D R R E H D Y S Q G L R L P A L L S V L  
721 GCTCTCCTGCTGTTTCTGTTGGTGGGACATCTCTGCTGGCCTGGAGGATGTTCCAGAAGCGGCTGGTCAAAGCTGATAGGCATCCAGAG  
192 A L L L F L L V G T S L L A W R M F Q K R L V K A D R H P E  
811 CTGTCCAGAACCTCAGACAGGCTTCTGAGCAGAATGAGTGCCAGTATGTGAATTTGACAGTGCACACGTGGTCTCTGAGGGAAGAGCGG  
222 L S Q N L R Q A S E Q N E C Q Y V N L Q L H T W S L R E E P  
901 GTGCTACCAAGTCAGGTAGAAGTGGTGAATATAGCACAATGGCATTACCCAGGAAGAGCTTCACTATTATCCGTGGCATTCAACTCC  
252 V L P S Q V E V V E Y S T L A L P Q E E L H Y S S V A F N S  
991 CAGAGGCAGGATTCTCAGCCAATGGAGATTCTTTCATCAACCTCAGGACCAGAAAGCAGAGTACAGTGAGATCCAGAAGCCAGAAAA  
282 Q R Q D S H A N G D S L H Q P Q D Q K A E Y S E I Q K P R K  
1081 GGAAGTCTGACCTTTACCTGTGACTCCTGTGACCTGATCCTCTCAGTGGTGACTACCAGGTTCCAAGGCTCCCTGCTGGCTGCTGCC  
312 G L S D L Y L \*  
1171 TCAATGTCATGAGCCTCAGTGGCTTCACTAAAGATGAGCAGGAGCCAGGGCTCTGTGGGCACAGTCTCATCCCACTGGCTCTCTCCTCTT  
1261 AGCCTGTATTTTGTCTGCCTCTGGGTGTGGAAGACATCGATGCTGCTCTTTTGGGGCTCTGGGAATTGACATGGTTCGTATAGAAGGT  
1351 ACTTGTGTTAGTTAGCTTTGTAGTGTGAGTCCAGGAAGAATCTGTGGTCACTGGGAAAGTGGGGGACCATGAGACTACAAAGGAAGG  
1440 GGAGTCATGGAGGTACTAAACACCAACTCCTTCATCTCAGAGAGAAAAAACCTAAGCTCTGAGGACAAAAGCCTGCCCCGTGGCACCAA  
1531 GGTGAGGGGCAAATTCCTCTGGACTCATTTTTATTTTTATTTTTTGTTTTTGAGACAGGGTCTCTCTGTGTAGCTTTGGCTGCTCCTGGA  
1621 ACTCACTCTGTAAACAGAATGGCCTCAGACTCACAAGATCTGCCTGCCTCTGCCTCAAAGGTGTGTGCCACAATGCCTGGCTCTCT  
1711 GAATTCCTAAGTAAAGATGAAATAAAGTTTATAATATCTTT

## FIG. 2

1 ATGATTCCCAGAGTAATAAGATTGTGGCTGCCTTCAGCTCTGTTCTCTCAGGTCCCAGGCTGTGTCCCACTGCATGGCCCCAGCACT  
1 m i p r v i r l w l p s a l f l s q v p g c v p L H G P S T  
91 ATCACAGGCGCTGTTGGGGAATCGCTCAGTGTGTGTCATGTCAATACGAGGAGAAATCAAGACTAAGGACAAATTCTGGTGCAGAGGGTCA  
31 I T G A V G E S L S V S Q O Y E E K F K T K D K F W C R G S  
181 CTGAAGGTACTCTGTAAAGATATTGTCAAGACCAGCAGCTCAGAAGAAGTTAGGAATGGCCGAGTGACCATCAGGGACCATCCAGACAAC  
61 L K V L C K D I V K T S S S E E V R N G R V T I R D H P D N  
271 CTCACCTTCACAGTGACCTATGAGAGCCTCACCTGGAGGATGCAGACACCTACATGTGTGCGGTGGATATACACTTTTGTGATGGCTCC  
91 L T F T V T Y E S L T L E D A D T Y M Q A V D I S L F D G S  
361 TTGGGGTTCGATAAGTACTTCAAGATTGAGTTGTCTGTGGTTCCAAGTGAGGACCCAGTCACAGGTTGAGCCTTGAGAGTGGTAGAGAT  
121 L G F D K Y F K I E L S V V P S E D P V T G S S L E S G R D  
451 ATCCTGGAATCCCCACATCCTCAGTTGGGCACACTCATCCAGTGTGACCACAGATGACACAATTCCTGCTCCCTGCCCTCAGCCTCGG  
151 I L E S P T S S V G H T H P S V T T D D T I P A P C P O P R  
541 TCTCTCGGAGCAGCCTCTACTTCTGGGTCTGGTGTCTCTGAAGTTGTTCTGTTCTGAGCATGCTTGGTGCTGTCTCTGGGTGAAC  
181 S L R S S L Y F W V L V S L K L F L F L S M L G A V L W V N  
631 AGGCCTCAGAGGTGCTCTGGGGGAAGCAGCACTCAGCCCTGTTATGAGAACCAGTGA  
211 R P Q R C S G G S S T Q P C Y E N Q \*

FIG. 3

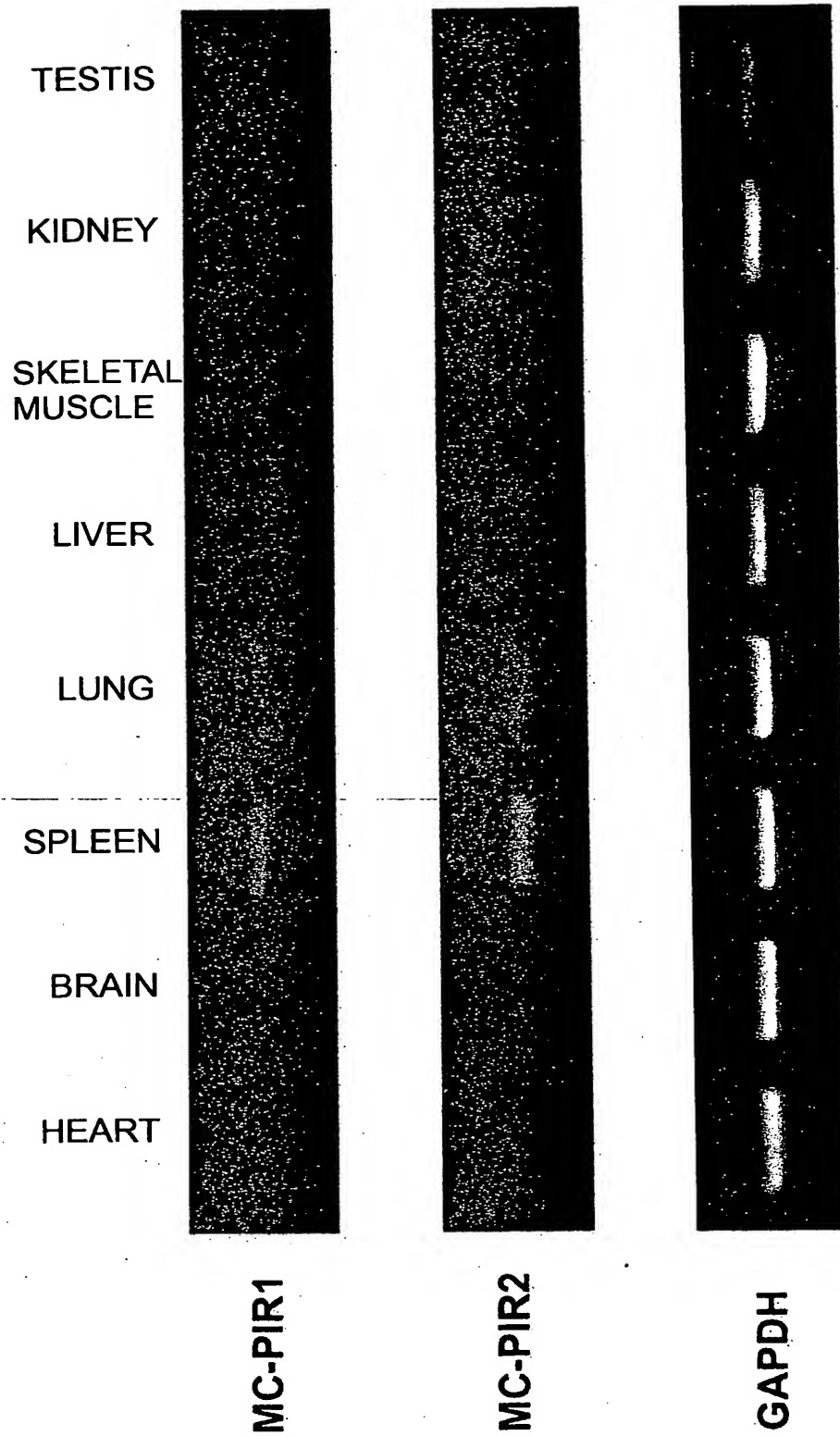


FIG. 4

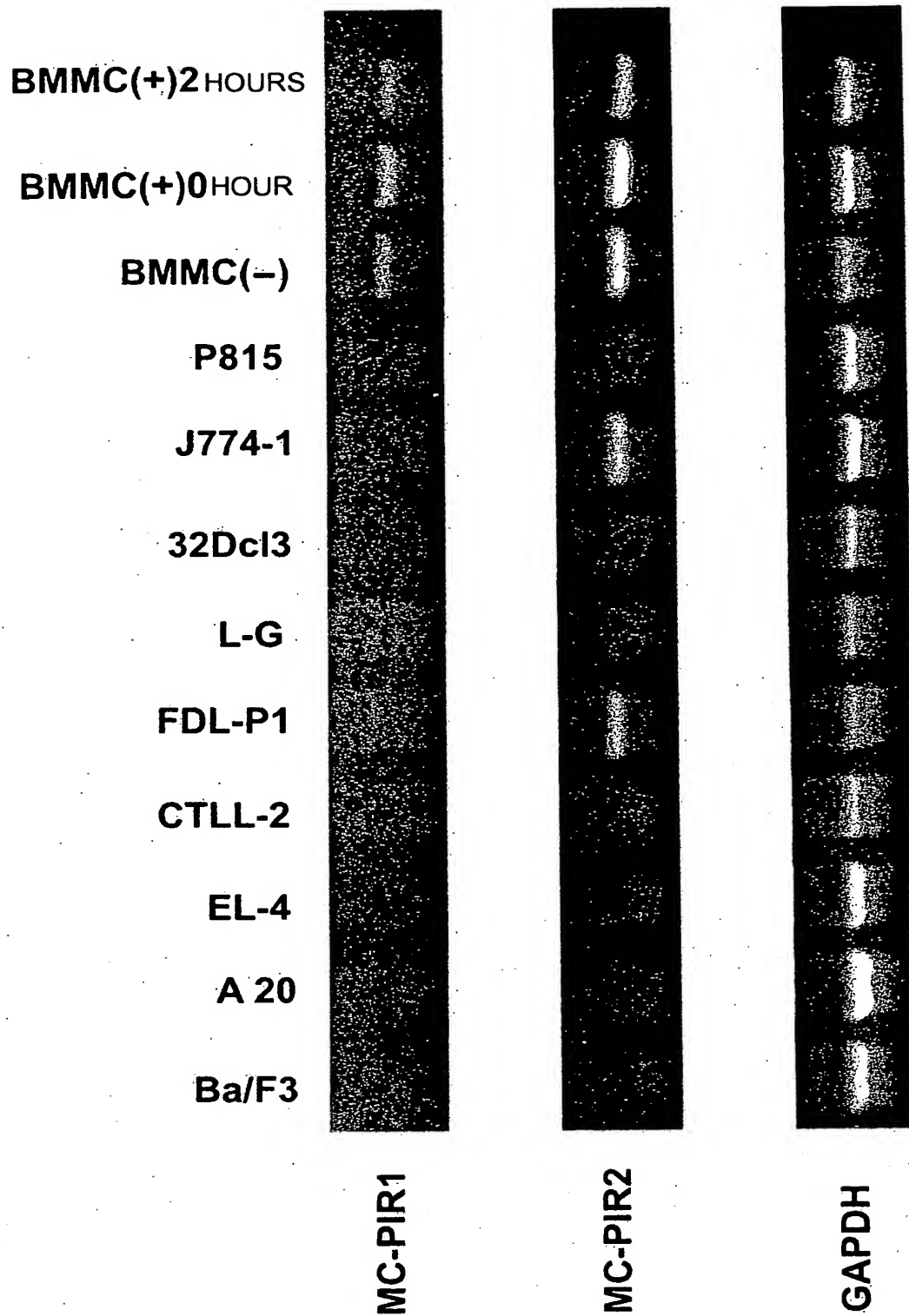


FIG. 5

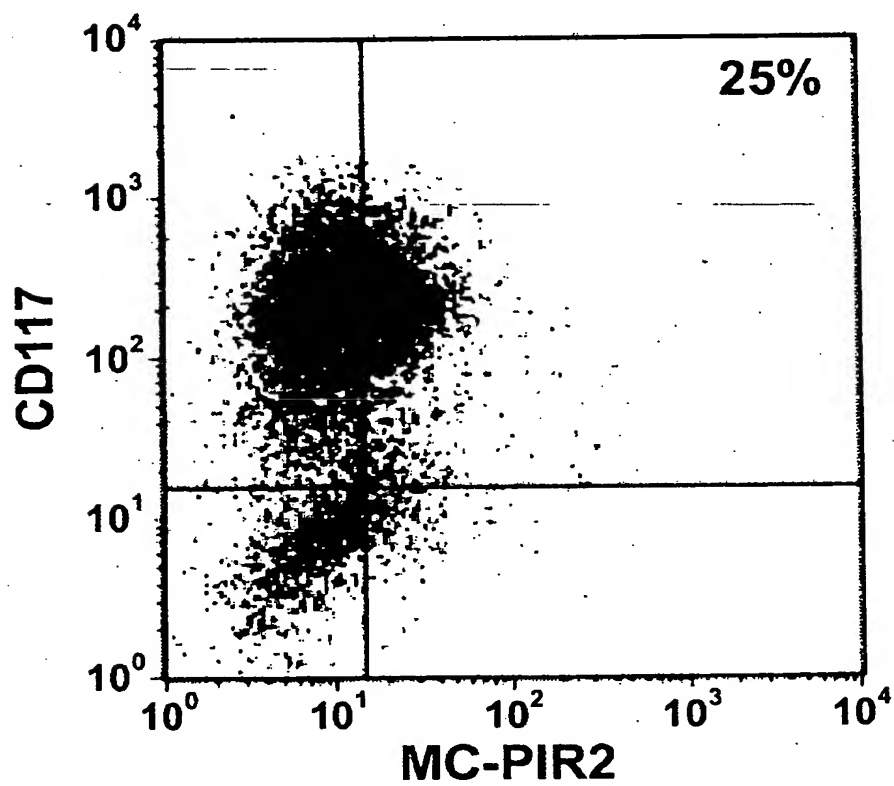
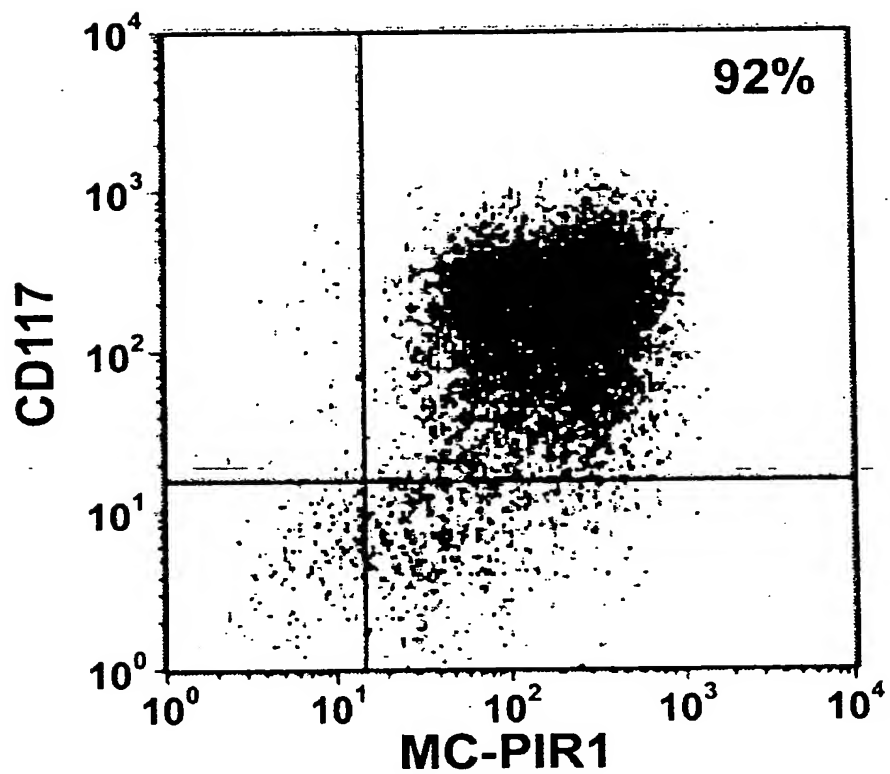
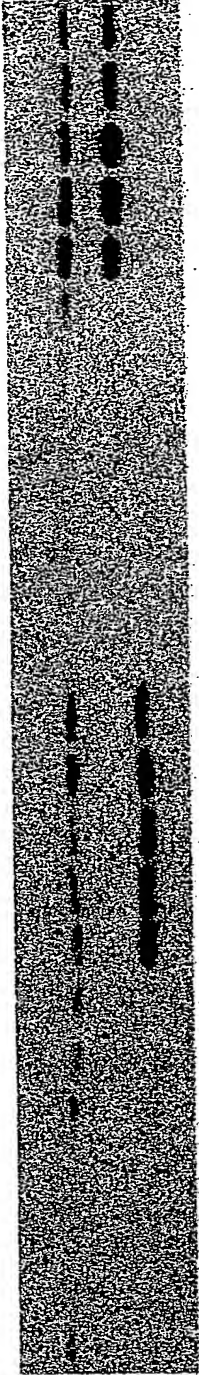


FIG. 6

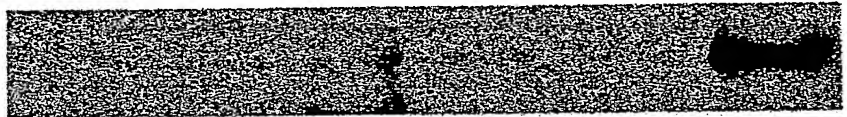
Fc $\gamma$ RIib										Fc $\gamma$ RIib-IR									
$\alpha$ -MOUSE IgG, F(ab') <sub>2</sub>										$\alpha$ -MOUSE IgG, F(ab') <sub>2</sub>									
TIME(MINUTE)	0	0.5	1	2	5	10	0	0.5	1	2	5	10	0	0.5	1	2	5	10	0



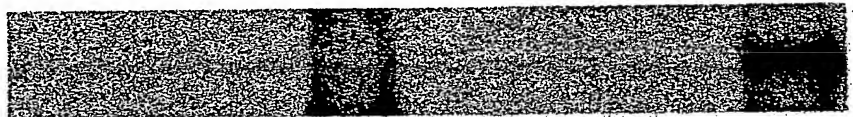
BLOT:4G10

FIG. 7

	Fc $\gamma$ RIib			Fc-PIR1		
$\alpha$ -MOUSE IgG, F(ab') <sub>2</sub>	-	+	-	-	+	-
$\alpha$ -MOUSE IgG, INTACT	-	-	+	-	-	+

BLOT:  $\alpha$  SHP-1

	Fc $\gamma$ RIib			Fc-PIR1		
$\alpha$ -MOUSE IgG, F(ab') <sub>2</sub>	-	+	-	-	+	-
$\alpha$ -MOUSE IgG, INTACT	-	-	+	-	-	+

BLOT:  $\alpha$  SHP-2

	Fc $\gamma$ RIib			Fc-PIR1		
$\alpha$ -MOUSE IgG, F(ab') <sub>2</sub>	-	+	-	-	+	-
$\alpha$ -MOUSE IgG, INTACT	-	-	+	-	-	+

BLOT:  $\alpha$  SHIP

FIG. 8

IMMUNOPRECIPITATION:  $\alpha$ HA

	MC-PIR2-HA			
MOCK	+	-	-	-
FLAG-DAP10	-	+	-	-
FLAG-DAP12	-	-	+	-
FLAG-FcR $\gamma$	-	-	-	+

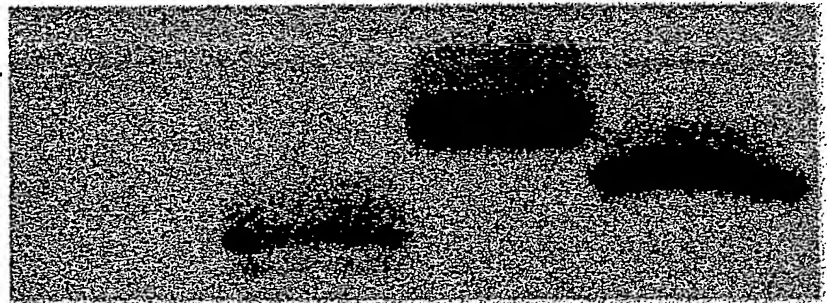
WESTERN BLOT  
:  $\alpha$ FLAG



FIG. 9

